

## **REMARKS**

Applicant is in receipt of the Office Action mailed December 5, 2001.

### **Section 103(a) Rejections**

Claims 1, 2, 5, and 21 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Koss et al. (U.S. Patent 5,801,711).

Applicant respectfully amends independent claim 21 to include the allowable matter of claim 22. Applicant respectfully adds new claims 23-58.

New claim 23 includes the matter of independent claim 1, dependent claim 2, and the allowable matter of claim 3.

New claim 34 includes the matter of independent claim 1 and the allowable matter of claim 4.

New claim 46 includes the matter of independent claim 1, dependent claim 5, and the allowable matter of claim 6.

New claim 47 includes the matter of independent claim 1 and the allowable matter of claim 7.

Claims 1-13 and 22 have been cancelled.

Thus, Applicant submits that the present application is in condition for allowance.

## **Amended Claims Highlighted**

21. (Amended) A computer system comprising:

a central processing unit (CPU);

a memory; and

a graphics system, wherein said CPU, said memory and said graphics system are coupled by one or more buses, and wherein said graphics system comprises:

a control unit configured to receive compressed 3D geometry data, wherein said compressed 3D geometry data comprises a plurality of blocks; and

a plurality of decompress pipelines, wherein said control unit is configured to selectively route said blocks to one or more of said decompress pipelines, wherein each block comprises compressed vertex information, and wherein said plurality of decompress pipelines are configured to decompress said blocks into a plurality of vertices;

wherein said control unit is configured to detect control information embedded within said compressed 3D geometry data, and wherein said control unit is configured to route said compressed 3D geometry data to one or more of said decompress pipelines according to said embedded control information.

## CONCLUSION

Applicant submits the application is in condition for allowance, and an early notice to that effect is requested.

If any extensions of time (under 37 C.F.R. § 1.136) are necessary to prevent the above referenced application(s) from becoming abandoned, Applicant(s) hereby petition for such extensions. If any fees are due, the Commissioner is authorized to charge said fees to Conley, Rose, & Tayon, P.C. Deposit Account No. 50-1505/5181-27800/JCH.

Also enclosed herewith are the following items:

- ☒ Return receipt postcard
- ☒ Fee authorization for one month extension of time and additional claims

Respectfully submitted,



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